



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

December 29, 2008

Mr. James Thompson
Department of Air Quality
Bureau of Air Pollution Control
301 Thirty-Ninth Street
Pittsburgh, PA 15201

U.S. Environmental Protection Agency
Region III
Air, Radiation & Toxics Division
1650 Arch Street
Philadelphia, PA 19103-2029
ATTN: James W. Hagedorn (3AT23)

Assistant Council
Department of Environmental Protection
Southwest Region
400 Waterfront Drive
Pittsburgh, PA 15222-4745
ATTN: Steve Hepler

Department of Justice
Environmental and Natural Resource Division
Environmental Enforcement Section
P.O. Box 7611
Ben Franklin Station
Washington, D.C. 20044
ATTN: David Street, Esq.

Subject: USS Reference Number: 08-1142
ACHD Reference Number: 10954
#2 Control Room
USS Clairton Works

Gentlemen:

The attached form confirms our verbal report of the subject incident. Any questions concerning this matter should be referred to Coleen M. Davis at 412-233-1015.

Sincerely,


Mark G. Tabler
Plant Manager
Clairton Works

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Air Protection Division (3AT12)

NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. **USS Reference Number:** 08-1142
ACHD Reference Number: 10954
2. **Date & Time of Breakdown:** Date: 12/22/08 Time: 1141 hours
3. **Company Name:** U.S. Steel Corporation - USS Clairton Works
4. **Specific Equipment Involved or Affected:** #2 Control Room
5. **BAPC Permit Number (if applicable):**
6. **Location:** Clairton, PA
7. **Nature and cause of breakdown:** An impulse line to a pressure switch for the sub gas by-pass valve froze at the #2 Control Room. As a result, the 40 grain limit was momentarily exceeded.
8. **Identification of Emissions:**
 - A. **Type(s)** (CO, NOX, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H₂S in the downriver gas line system, causing increased SO₂ and VOC at point of combustion.
 - B. **Toxic qualities of each type** (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is and VOC could be an eye, nose, and throat irritant.
 - C. **Amount of each type emitted (or likely to be emitted).**
Light to moderate
9. **Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).**
The problem was resolved and normal gas processing operations resumed.
10. **Facility back in operation -** Date: 12/22/08 Time: 1211 hours

Signature  Date 12/22/08
Bryan M. Kresak
Environmental Control Engineer Phone: 412-233-1468